



Preliminary Program/Call for Abstracts

4th Annual Conference on

Arteriosclerosis, Thrombosis and Vascular Biology

May 8–10, 2003

Renaissance Washington DC Hotel
Washington, DC

Sponsored by the American Heart Association's Scientific Council on Arteriosclerosis, Thrombosis and Vascular Biology; Council on Nutrition, Physical Activity and Metabolism; the North American Vascular Biology Organization; and the National Heart, Lung, and Blood Institute.

For online information, see www.americanheart.org/conferences

Email: scientificconferences@heart.org

Program Committee

Linda K. Curtiss, Conference Chair
Linda L. Demer, Conference Co-chair
Edward F. Plow, Conference Co-chair
Daniel J. Rader, Conference Co-chair
Alan Daugherty
Paul E. DiCorleto
Cecilia M. Giachelli
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Frederic B. Kraemer
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William C. Sessa
Ira Tabas
Mark B. Taubman
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The American Heart Association gratefully acknowledges educational grants provided by the following companies:

AstraZeneca, L.P.

GlaxoSmithKline

We appreciate the educational grant from the National Heart, Lung, and Blood Institute to support the New Investigator Travel Awards.

Additionally, we thank Bristol-Myers Squibb Company and Pfizer/Parke Davis for their contribution in support of the Jeffrey M. Hoeg Arteriosclerosis, Thrombosis and Vascular Biology Award for Basic Science and Clinical Research.

It is the mission of the American Heart Association to reduce disability and death from cardiovascular diseases and stroke.

Dear Colleague,

On behalf of the American Heart Association and the Scientific Council on Arteriosclerosis, Thrombosis and Vascular Biology, we cordially welcome your participation at the 4th Annual Conference on Arteriosclerosis, Thrombosis and Vascular Biology. The meeting will be held at the Renaissance Washington DC Hotel, May 8–10, 2003. The meeting is sponsored and organized by the American Heart Association, and co-sponsored by the North American Vascular Biology Organization and the National Heart, Lung, and Blood Institute.

The meeting provides unique opportunities to meet with colleagues from around the world with wide-ranging research interests and expertise within the research communities of arteriosclerosis, thrombosis, and vascular biology. We expect broad representation from many disciplines, and we encourage young scientists to attend. This year, the AHA Scientific Council on Nutrition, Physical Activity and Metabolism has joined us in the planning and implementation of the meeting. This ATVB 2003 meeting will offer an outstanding scientific program for clinicians, researchers, nurses, and other health professionals that will encourage cross-fertilization by examining new and emerging areas in lipids and lipoproteins, arteriosclerosis, thrombosis and vascular biology in an informal setting.

Please make plans to join us this spring in Washington DC for the 4th Annual Arteriosclerosis, Thrombosis and Vascular Biology Conference. For the most recent conference information, visit the Web site at www.americanheart.org/conferences.

Sincerely,



Linda K. Curtiss, PhD
Program Chair

Program Information

Program Description and Objectives

This two-and-one-half day meeting is sponsored by the Council on Arteriosclerosis, Thrombosis and Vascular Biology; the Council on Nutrition, Physical Activity and Metabolism; the North American Vascular Biology Organization, and the National Heart, Lung, and Blood Institute. The meeting will focus on new developing research opportunities in the areas of arteriosclerosis, thrombosis and vascular biology. The conference includes special lectures, discussions, and oral and poster presentations. The meeting format is designed to provide opportunities for intense interaction among the participants during the sessions and breaks.

The goal of this meeting is to bring together diverse disciplines within the arteriosclerosis, thrombosis, and vascular biology research communities to allow investigators to explore areas of cross-disciplinary interest. The program encourages cross-fertilization by examining new and emerging areas in lipids and lipoproteins, arteriosclerosis, thrombosis and vascular biology in an informal setting. Sessions planned by each of the representative areas, i.e., arteriosclerosis, thrombosis, vascular biology, and nutrition/physical activity/metabolism, will provide an opportunity for oral presentations of abstracts. The arteriosclerosis sessions cover the areas of cellular lipid trafficking; lipoprotein metabolism; leukocyte biology in atherosclerosis, and mechanisms of atherosclerosis. The thrombosis sessions address the areas of platelet biology and signaling; thrombosis and thrombolysis, and control of coagulation. The vascular biology sessions include vascular cell signaling, cycle control and gene expression; vascular development, angiogenesis and differentiation, and cell-cell and cell-matrix interactions. The nutrition/physical activity/metabolism sections include obesity and diabetes in cardiovascular disease, and nutrition and physical activity in CVD. We expect broad representation from many disciplines, and we encourage young scientists to attend. We hope that the interdisciplinary approach will serve as a template for future meetings that encompass a broad view of arteriosclerosis, thrombosis and vascular biology.

Learning Objectives

At the conclusion of the conference, participants should be able to:

1. Discuss the complex molecular and cellular events involved in the artery wall that are a prerequisite for an improved understanding of the pathogenesis of cardiovascular disease and for designing specific and improved interventions to prevent clinical disease.
2. Integrate an understanding of cardiovascular disease at the fundamental level with emphasis on nuclear hormone receptors, genetics of atherosclerosis, cellular lipid trafficking, cell-cell and cell-matrix interactions, platelet biology, thrombosis and thrombolysis, control of coagulation factors, angiogenesis, vascular development, stem cells, lipid rafts, fatty acid metabolism, obesity and diabetes, nutrition and physical activity, lipoprotein metabolism, leukocyte biology, and cell signaling.
3. Recognize various mechanisms involved in nutrition, thrombosis, vascular biology and atherosclerosis.
4. Develop new insights that will lead to novel and effective interventions to prevent cardiovascular disease.

Abstract Submission Information

Investigators working in areas of arteriosclerosis, thrombosis and vascular biology are invited to submit an abstract(s). Abstracts will be selected for oral or poster presentation.

Beginning November 8, 2002, please visit the AHA ATVB Conference Web to submit your abstract: www.americanheart.org/presenter.jhtml?identifier=3003908

The deadline to submit abstracts is 6:00 PM Central Standard Time, Monday, January 20, 2003. Abstracts received after that date will not be considered for presentation.

Abstracts may be submitted under the following categories:

- Cellular Lipid Trafficking
- Lipoprotein Metabolism
- Leukocyte Biology in Atherosclerosis
- Mechanisms of Atherosclerosis

- Platelet Biology and Signaling
- Thrombosis and Thrombolysis
- Control of Coagulation
- Vascular Cell Signaling, Cycle Control and Gene Expression
- Vascular Development, Angiogenesis and Differentiation
- Cell-cell and Cell-matrix Interactions
- Obesity and Diabetes in CVD
- Nutrition and Physical Activity in CVD

All abstracts selected for presentation will be published in the *Arteriosclerosis, Thrombosis and Vascular Biology* online journal of the American Heart Association.

Abstracts accepted for publication may not be published or presented in any national meeting or world congress in the United States before the conference.

Notification of abstract acceptance status will be posted on the AHA Arteriosclerosis, Thrombosis and Vascular Biology Web site after February 24, 2003. Submitters may access the above Web site after that date to retrieve the information. (Letters to abstract submitters will follow.)

Conference Awards

The Council on Arteriosclerosis, Thrombosis and Vascular Biology sponsors several awards, including the **Jeffrey M. Hoeg Arteriosclerosis, Thrombosis and Vascular Biology Award for Basic Science and Clinical Research, Irvine H. Page Young Investigator Research Awards, Young Investigator Prizes in Thrombosis, Junior Investigator Award for Women, and the New Investigator Travel Award** competition. Application information is included in this booklet and may be viewed on the conference Web site beginning November 8, 2002. Information for the Page Award, Thrombosis Prize and Travel Award also will be included in all abstract formats.

Continuing Education Credits

The American Heart Association is accredited by the Accreditation Council for Continuing Medical Education to sponsor continuing medical education activities for physicians.

The American Heart Association designates this activity for credit on an hour-per-hour basis in Category 1 of the Physician's Recognition Award of the American Medical Association. Exact hours to be determined.

It is the policy of the American Heart Association to ensure balance, independence, objectivity, and scientific rigor in all its sponsored educational programs. All faculty participating in continuing medical education activities sponsored by the Association are required to disclose to the program audience any real or apparent conflict of interest related to the content of their presentations.

Special Events

Special lectures and award presentations are included in the program:

- On Thursday, May 8, 11:45 AM, the **ATVB Women's Leadership Committee** will host a luncheon. The Junior Investigator Award for Women finalists will be announced, and the Women's Leadership Committee Mentoring Award will be presented. *Ticket required; there is a separate non-refundable fee of \$25.00 for this event.*
- The **Irvine H. Page Young Investigator Research Awards Competition**, 8:00 AM, Friday, May 9. The Page Award encourages young investigators to continue careers in arteriosclerosis or vascular biology, and recognizes talented investigators at an early or beginning point in their careers. Finalists will present their abstracts and the winner will be announced during the conference.
- The **Young Investigator Prizes in Thrombosis** recognize outstanding endeavors by new investigators for fundamental and applied research in thrombosis, including the mechanism, detection, treatment, and prevention of thrombotic disorders. Finalists will present their abstracts on Friday morning, May 9. The winner will be announced during the conference.
- The **Jeffrey M. Hoeg Arteriosclerosis, Thrombosis and Vascular Biology Award for Basic Science and Clinical Research** lecture is scheduled for Friday, May 9, 1:30 PM. This award recognizes an established investigator in the prime of their career who has made an outstanding contribution in the area of arteriosclerosis, thrombosis and vascular disease.
- On Friday evening, May 9, the AHA Council on Arteriosclerosis, Thrombosis, and Vascular Biology is hosting a dinner. Individuals with special dietary requirements are asked to request special meals (Vegetarian or Kosher) at least 24 hours in advance. Requests for special meals not ordered in advance cannot be honored. *Ticket required; there is a non-refundable fee of \$25.00 for this event.*

Hotel Accommodations

The AHA has reserved rooms for conference participants and their guests at the **Renaissance Washington DC Hotel** at special reduced rates. Rooms will be available on a first-come basis until all are filled or until the cut-off date of **April 9, 2003**. To take advantage of these rates, call 1-202-898-9000 and ask for Reservations. You must inform the hotel that you are participating in the American Heart Association's 4th Annual Conference on Arteriosclerosis, Thrombosis and Vascular Biology. Rates are \$164.00 single, \$184.00 double and are subject to current state, local, and occupancy taxes. Hotel check in time is 3:00 PM; check out time is 12:00 NOON.

Location and Shuttle Information

The Renaissance Hotel is located at 999 Ninth Street NW, Washington, DC, midway between the White House and Capitol Hill, and is within 1 block of all Metro subway lines. The hotel offers a variety of options to fill your leisure time, including an indoor pool, sauna and exercise room. Jogging is available nearby, and within 1.5 miles of the hotel you will find tennis, squash and golf.

The most convenient airports are Reagan National Airport, which is 7 miles (15 minutes) from the Renaissance, and Dulles International Airport, which is 30 miles from the hotel. The conference will begin Thursday morning, May 8, and will end early Saturday afternoon, May 10.

Transportation

The American Heart Association has negotiated discounted fares with American and Delta Airlines.

- 5% discount off the lowest published fares or a 10% discount off the full unrestricted coach fares.
- Bonus Discount — purchase your ticket at least 60 days before departure and save an additional 5% off the discounted fares. All discounts are based on round-trip travel.
- Zone fares are also available on American and Delta with no Saturday night stay required. Tickets must be purchased 7 days in advance, and a 2-night minimum stay is required.

To obtain the special American Heart Association fares, you may:

1. Call World Travel Partners/BTI at 800-999-9717, Monday through Friday 8:30 AM–5:00 PM (Central time) and reference the appropriate airline file number listed below.
2. Call the airlines directly. Please reference the airline file numbers (listed below) when calling.
3. Call your travel agent and reference the appropriate airline file number.

Airline File Numbers

- American Airlines
800-433-1790 — File Number 34393AA
- Delta Air Lines
800-241-6760 — File Number 190491A

Rental car discounts have been arranged through Avis and Hertz. To obtain special rates, call the following and reference the American Heart Association and the appropriate identification number:

Avis: 800-331-1600 — ID Number U395999

Hertz: 800-654-3131 — ID Number 022Q1063

Satellite Symposia

Not part of the accredited continuing education activities

Kinetics-Metabolism — KinMet 2003

Scientists interested in lipoprotein and cellular metabolism and kinetic modeling are invited to attend KinMet 2003. The meeting will take place on Wednesday, May 7, from NOON to 6:00 PM. Additional information on the program may be found at www.bioinformaticsservices.com/kinmet2003.html.

Disclosure of Faculty Commercial Relationship(s)

In accordance with the guidelines on conflict of interest of the American Heart Association, certain presenters have indicated that they have a relationship that, in the context of their presentation, could be perceived as a real or apparent conflict of interest (e.g., ownership of stock, research, or consulting fees), but do not consider that it will influence their presentation. Any such relationships will be disclosed to the audience at the time of their presentation.

The 4th Annual Conference on Arteriosclerosis, Thrombosis and Vascular Biology is a scientific and educational meeting for the purpose of exchanging and discussing research results and scientific developments in the field of cerebrovascular disease. Accordingly, the American Heart Association cannot and does not offer any assurance or warranty of the accuracy, truthfulness, or originality of the information presented at the conference.

No Smoking Policy

AHA policy prohibits smoking in conference meeting rooms and exhibits/registration areas. Thank you for your cooperation.

Registration

Registration Deadline: advance registration deadline is **April 9, 2003**. Registrations received after that date will be processed on-site **and the registration fee will increase by \$50.00**.

See the registration form for registration fees. The registration fee includes access to all official sessions of the 4th Annual Conference, with the exception of the Women's Leadership Committee Luncheon and the Council Dinner. Fees will not be prorated for partial participation.

To register at the discounted fee for AHA Scientific Council members, you must include your AHA membership number. Membership numbers appear on a member's letter of AHA membership or can be obtained from the American Heart Association membership coordinator by calling 800-787-8984 or 301-223-2307, or faxing 800-787-8985 or 301-223-2327.

To register online, visit the conference Web site at <http://www.americanheart.org/conferences> and follow the link to the conference Web page and instructions for registration. *If you are registering as a trainee, you must do so by fax or mail and NOT online, because written verification of status is required.*

Payment: AHA/ExpoExchange will accept credit cards (American Express, Discover, MasterCard, or VISA) as well as checks drawn on a US bank in US dollars. Checks should be made payable to the American Heart Association. The total payment should include appropriate registration fee and extra tickets for the Women's Leadership Committee Luncheon and Council Dinner. All fees must accompany the form, which is included in this brochure.

Attendee Profile: This section is used to collect attendee demographics in order to tailor future conferences to attendee's needs. Please complete this section of your registration form and assist your program committee in its efforts to plan effective and successful programs.



We encourage participation by all individuals. If you have a disability, advance notification of any special needs will help us to serve you better.

Registration Refunds

Registrants who cancel must request in writing a refund of fees paid. Full refunds will be made if written cancellation is received by April 8, 2003; otherwise a \$50 cancellation fee will be charged. No refunds will be made after **May 1, 2003**.

***Please note:** The American Heart Association shall not be liable for cancellation of the 4th Annual Conference on Arteriosclerosis, Thrombosis and Vascular Biology caused by labor strikes, civil disorders, fires, weather conditions, or other acts of God or for any damages or losses resulting from such cancellations.*

International Registrants

Some participants from outside the United States will need to apply for a visa at the American Embassy, consulate, or other visa-issuing office in their country of origin. To obtain a visa, you will need a letter of invitation, a valid passport, a photo, and a Form OF 156 (nonimmigrant visa application form). Participants holding a passport from Canada, the United Kingdom, Switzerland, Germany, Netherlands, Sweden, Italy, France or Japan who arrive directly from those countries do not need to obtain a visa.

Media Registrants

Reporters, writers, producers or editors with credentials from a newspaper, magazine, online news service, radio or TV network or station, wire service and syndicate may register to attend the 4th Annual Conference on Arteriosclerosis, Thrombosis and Vascular Biology. Media interested in attending should contact the News Media Relations office; 214-706-1396, or email carole.bullock@heart.org.

This information is for your badge. Please print clearly.

REGISTRATION FORM

Last/family name _____ First/given name _____ Middle initial _____
 Hospital/institution _____ Degree _____
 Department _____ This is: Business Home
 City _____ State _____ Country _____ Zip/postal code _____
 Phone _____ Fax _____
 (Area/country code/city code) (Area/country code/city code)
 E-mail address _____ AHA Membership No. _____
 NAVBO Membership No. _____

Registration Fees	On or before April 9, 2003	After April 9, 2003
AHA council member	US \$250	US \$300
NAVBO member	US \$250	US \$300
Nonmember	US \$300	US \$350
Trainee — AHA council member	US \$ 65	US \$115
Trainee — NAVBO member	US \$ 65	US \$115
Trainee — nonmember	US \$ 90	US \$140
ATVB Women's Leadership Luncheon (Thursday)		<input type="checkbox"/> US \$ 25
Number of Tickets Needed		x _____
Council Dinner (Friday)		<input type="checkbox"/> US \$ 25
Number of Tickets Needed		x _____
	Total Fees	\$ _____

Registration fee includes continental breakfasts, receptions, and all refreshment breaks.
 Trainees must provide a letter of verification of status from their department head. AHA council members and NAVBO members must provide proof of membership. AHA membership numbers may be obtained through Lippincott Williams and Wilkins at 800-787-8984, 301-223-2307, or fax 301-223-2327.

Check to determine the appropriate classification.

A ___ MD	K ___ DVM/ScD
B ___ MD/PhD	L ___ RN
C ___ MD/ScD	M ___ RN/PhD/DNS/DNSc
D ___ DO	N ___ RN/MSN/MS/MN/NP
E ___ DO/PhD	O ___ Trainee (MD)
F ___ DO/ScD	P ___ Trainee (PhD)
G ___ PhD	Q ___ Student/technician
H ___ ScD	R ___ Allied health professional
I ___ DVM	S ___ Other (nonmedical)
J ___ DVM/PhD	

Check major specialty.

A ___ Arteriosclerosis
 B ___ Biology/chemistry
 C ___ Cellular/molecular biology/genetics
 D ___ Hematology
 E ___ Nutrition
 F ___ Physiology/biophysics
 G ___ Thrombosis
 H ___ Vascular biology and medicine
 I ___ Other

List percent of time spent in each of the following:

A ___ Administration
 B ___ Patient care
 C ___ Research
 D ___ Teaching
 E ___ Other (specify): _____

Race/Ethnic Background

Completion of this information is strictly voluntary. The information provided will not be used for any purpose other than to provide the AHA with statistical information concerning the level of participation by women and minorities in its programs. The association seeks to broaden the involvement of women and minorities. Please mark one of the following:

A ___ Alaska Native	<input type="checkbox"/> Male
B ___ American Indian/Native American	<input type="checkbox"/> Female
C ___ Asian	
D ___ African American	
E ___ Caucasian	
F ___ Hispanic	
G ___ Pacific Islander	
H ___ Other	

Return form to:
 AHA Registrar
 4th Annual Conference on Arteriosclerosis, Thrombosis and Vascular Biology
 C/O ExpoExchange
 1888 N. Market Street
 P.O. Box 4088
 Frederick, MD 21701
 Fax: 301-694-5124 (Do not include a cover sheet)
 Customer service phone: 301-694-3287

Check all that apply

A ___ AHA council member only
 B ___ NAVBO member only
 C ___ AHA council *and* NAVBO member

AHA council members, please indicate membership:

D ___ Arteriosclerosis, Thrombosis and Vascular Biology
 E ___ Basic Cardiovascular Sciences
 F ___ Cardiopulmonary and Critical Care
 G ___ Cardiovascular Disease in the Young
 H ___ Cardiovascular Nursing
 I ___ Cardiovascular Radiology
 J ___ Cardio-Thoracic and Vascular Surgery
 K ___ Clinical Cardiology
 L ___ Epidemiology and Prevention
 M ___ High Blood Pressure Research
 N ___ Kidney in Cardiovascular Disease
 O ___ Nutrition, Physical Activity and Metabolism
 P ___ Stroke
 Q ___ None


Please mark method of payment. Credit cards will be charged immediately.
Wire transfers not accepted.
 Check drawn on US bank in US dollars American Express
 Discover MasterCard Visa
 Card No. _____ Expiration Date _____
 Name as it appears on card _____

 Signature (I authorize the use of my card for this purpose.)

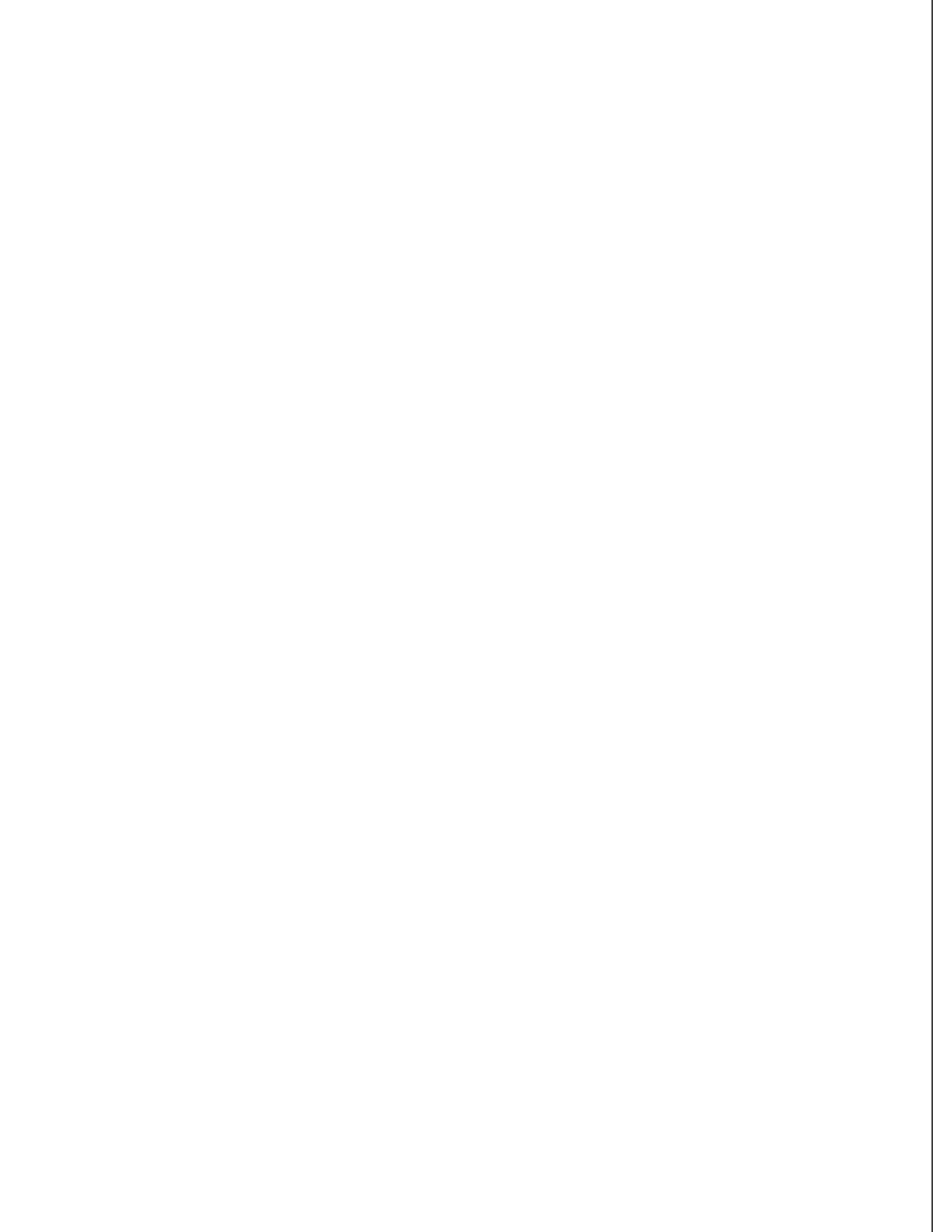
A full refund will be made if written notice of cancellation is received by April 9, 2003; otherwise, a \$50 cancellation fee will be charged. No refunds will be made after May 1, 2003.

We encourage participation by all individuals. If you have a disability, notification of any special needs will help us serve you better. Check below if you require special assistance to fully participate in the meeting.

Yes, attached is a written description of requirements.



Online registration is now available. To register online, access the American Heart Association Web site at www.americanheart.org, follow the link to Science and Professional, Conferences and Events, Current Conferences, and go to the listing for the 4th Annual Conference on Arteriosclerosis, Thrombosis and Vascular Biology.



4th Annual Conference on Arteriosclerosis, Thrombosis and Vascular Biology

May 8–10, 2003

Wednesday, May 7

4:00 PM–8:00 PM

Registration

Thursday, May 8

7:00 AM–8:00 AM

Registration

Continental Breakfast

Plenary Session I

8:00 AM–9:45 AM

Conference Opening Welcome

Linda K. Curtiss, La Jolla, CA

**Nuclear Hormone Receptors, Inflammation and
Atherosclerosis**

Christopher K. Glass, La Jolla, CA

**Genetics, Insulin Resistance and
Atherosclerosis**

Robert A. Hegele, London, ON

Refreshment Break

Concurrent Session I

10:00 AM–11:45 AM

Session A

Cellular Lipid Trafficking

**Concentration of Scavenger Receptor BI in
Microvillar Extensions Suggests a Role for
this Plasma Membrane Domain as a Way
Station for Cholesterol Trafficking between
HDL and Cells**

David L. Williams, Stony Brook, NY

Oral Abstract Presentations

**The Niemann-Pick Disease Genes: Regulators
of Cellular Cholesterol Homeostasis**

Daniel S. Ory, St. Louis, MO

Session B

Cell-cell and Cell-matrix Interactions

Fascin Protrusions in Cell Interactions

Josephine C. Adams, Cleveland, OH

Oral Abstract Presentations

**Thrombin Signaling and Phenotypic Modulation
of the Endothelium**

William C. Aird, Boston, MA

Session C

Platelet Biology and Signaling

**Transgenic Models for Altering Platelet
Thrombogenicity Through Ectopic Protein
Expression**

Mortimer Poncz, Philadelphia, PA

Oral Abstract Presentations

CIB, PAK1, Small G-Proteins and Platelets

Leslie V. Parise, Chapel Hill, NC

Lunch break on your own

**ATVB Women's Leadership Committee
Luncheon**

Separate registration and ticket required

Plenary Session II

1:30 PM–3:15 PM

Platelets in Inflammation and Thrombosis

Denisa D. Wagner, Boston, MA

**Signaling Events in Vascular Remodeling and
Angiogenesis**

David A. Cheresh, La Jolla, CA

**Unraveling the Molecular Mechanisms of
Insulin Resistance**

Gerald I. Shulman, New Haven, CT

Refreshment Break

Concurrent Session II

3:30 PM–5:15 PM

Session A

Leukocyte Biology in Atherosclerosis

Macrophage Functions and Atherogenesis

MacRae F. Linton, Nashville, TN

Oral Abstract Presentations

Modulation of Atherogenesis by Chemokines

William A. Boisvert, La Jolla, CA

Session B

Thrombosis and Thrombolysis

Hyperfibrinogenemia and Thrombosis: A Cause-Effect Analysis in Mice

Hartmut Weiler, Milwaukee, WI

Oral Abstract Presentations

Neuroserpin and tPA in Cerebral Ischemia: The Dynamic Duo

Daniel A. Lawrence, Derwood, MD

Session C

Obesity and Diabetes

TBD

Robert H. Eckel, Denver, CO

Oral Abstract Presentations

Diet and Physical Activity in the Prevention and Treatment of Obesity

James O. Hill, Denver, CO

Poster Session I No-Host Reception

5:30 PM–7:30 PM

Friday, May 9

7:00 AM–8:00 AM

Registration

Continental Breakfast

Plenary Session III

8:00 AM–9:45 AM

Irvine H. Page Young Investigator Research Awards Competition

Young Investigator Prizes in Thrombosis Competition

Hormone Replacement Therapy. Where Do We Stand?

Hormone Replacement Therapy-Results from the Women's Health Initiative

Barbara V. Howard, Washington, DC

A View from the Old Country: Are There Any HRT Benefits After WHI?

Tomi Mikkola, Helsinki, Finland

Refreshment Break

Concurrent Session III

10:00 AM–11:15 AM

Session A

Mechanisms of Atherosclerosis

Determinants of Plaque Stability: The Balance Between Fibrosis and Inflammation

Ester Lutgens, Maastricht, Netherlands

Oral Abstract Presentations

Angiotensin II Mediated Development of Vascular Diseases

Alan Daugherty, Lexington, KY

Session B

Vascular Cell Differentiation and Angiogenesis

Progesterone Receptor Activation in Endothelial Cells. Insights from Transgenic Animal Models

Luisa Iruela-Arispe, Los Angeles, CA

Oral Abstract Presentations

Genomico-Bioinformatic Approaches to the Study of Smooth Muscle Cell Differentiation

Joseph M. Miano, Rochester, NY

Session C

Nutrition and Physical Activity

Dietary Fats that Promote Increased Size and Cholesteryl Oleate Content of LDL are Atherogenic

Lawrence L. Rudel, Winston-Salem, NC

Oral Abstract Presentations

Role of Adipocyte Hormones and Dietary Macronutrients in the Regulation of Energy Homeostasis and Lipid Metabolism

Peter J. Havel, Davis CA

Lunch break on your own

Plenary Session IV

1:30 PM–3:15 PM

Jeffrey M. Hoeg Arteriosclerosis, Thrombosis and Vascular Biology Award for Basic Science and Clinical Research Lecture:

Mechanisms Linking Vascular Calcification and Osteoporosis

Linda L. Demer, Los Angeles, CA

Role of Stearoyl-CoA Desaturase in Lipid Metabolism

James M. Ntambi, Madison, WI

Protein-protein Interactions that Define Integrin Signaling in Platelets and Megakaryocytes

Sanford J. Shattil, La Jolla, CA

Refreshment Break

Concurrent Session IV

3:30 PM–5:15 PM

Session A

Lipoprotein Metabolism

Exploring the Molecular Pathways of HDL Subfraction Metabolism Using Transgenic Mice

John S. Parks, Winston-Salem, NC

Oral Abstract Presentations

The Distinct Roles of Endothelial Lipase and Hepatic Lipase on HDL Metabolism

Kerry Ann Rye, Adelaide, Australia

Session B

Cell Signaling, Cycle Control and Gene Expression

Nitric Oxide at the Interface of Vascular Signaling and Function

William C. Sessa, New Haven, CT

Oral Abstract Presentations

Atheroprotective Mechanisms of Steady Blood Flow

Bradford C. Berk, Rochester, NY

Session C

Control of Coagulation

Developing Novel Antidote-controlled Coagulants

Bruce A. Sullenger, Durham, NC

Oral Abstract Presentations

Phenotypic Characterization of Mice with FVII Insufficiency

Elliot D. Rosen, Notre Dame, IN

Poster Session II No-Host Reception

5:30 PM–7:30 PM

Council Dinner

7:30 PM–9:30 PM

Ticket required

Saturday, May 10

7:00 AM–8:00 AM

Registration

Continental Breakfast

Poster Session III

8:00 AM–10:00 AM

Plenary Session V

10:00 AM–12:15 PM

Vascular Potential of Adult Stem Cells

Karen K. Hirschi, Houston, TX

Vascular Development

Paul M. Kulesa, Kansas City, MO

Lipid Rafts

Eric J. Smart, Lexington, KY

Presentation of Women's Leadership Awards

Program Schedule

	Thursday, May 8			Friday, May 9			Saturday, May 10
8:00–9:45	Plenary Session I <i>Conference Opening</i> <i>Nuclear Hormone Receptors, Inflammation and Atherosclerosis</i> <i>Genetics, Insulin Resistance and Atherosclerosis</i>			Plenary Session III <i>Irvine H. Page Young Investigator Research Awards Competition</i> <i>Young Investigator Prizes in Thrombosis Competition</i> <i>Hormone Replacement Therapy. Where Do We Stand?</i> <i>A View from the Old Country: Are there any HRT Benefits after WHI?</i>			Poster Session III
10:00–11:45	Concurrent Session IA <i>Cellular Lipid Trafficking</i>	Concurrent Session IB <i>Cell-cell and Cell-matrix Interactions</i>	Concurrent Session IC <i>Platelet Biology and Signaling</i>	Concurrent Session IIIA <i>Mechanisms of Atherosclerosis</i>	Concurrent Session IIIB <i>Vascular Cell Differentiation and Angiogenesis</i>	Concurrent Session IIIC <i>Nutrition and Physical Activity</i>	Plenary Session V <i>Vascular Potential of Adult Stem Cells</i> <i>Vascular Development</i> <i>Lipid Rafts</i> <i>Presentation of Women's Leadership Awards</i>
11:45–1:30	Lunch on your own Women's Leadership Committee Luncheon <i>Ticket required</i>			Lunch on your own			Closing Remarks Adjourn
1:30–3:15	Plenary Session II <i>Platelets in Inflammation and Thrombosis</i> <i>Signaling Events in Vascular Remodeling and Angiogenesis</i> <i>Unraveling the Molecular Mechanisms of Insulin Resistance</i>			Plenary Session IV <i>Jeffrey M. Hoeg</i> <i>Atherosclerosis, Thrombosis and Vascular Biology Award for Basic Science and Clinical Research Lecture</i> <i>Role of Stearoyl-CoA Desaturase in Lipid Metabolism</i> <i>Protein-protein Interactions that Define Integrin Signaling in Platelets and Megakaryocytes</i>			
3:30–5:15	Concurrent Session IIA <i>Leukocyte Biology in Atherosclerosis</i>	Concurrent Session IIB <i>Thrombosis and Thrombolysis</i>	Concurrent Session IIC <i>Obesity and Diabetes</i>	Concurrent Session IVA <i>Lipoprotein Metabolism</i>	Concurrent Session IVB <i>Cell Signaling, Cycle Control and Gene Expression</i>	Concurrent Session IVC <i>Control of Coagulation</i>	
5:30–7:30	Poster Session I			Poster Session II			
7:30–9:30				Council Dinner <i>Ticket required</i>			

Jeffrey M. Hoeg Arteriosclerosis, Thrombosis and Vascular Biology Award for Basic Science and Clinical Research

Sponsored by the Council on
Arteriosclerosis, Thrombosis and Vascular Biology

The Jeffrey M. Hoeg Award recognizes an established investigator in the prime of his/her career who has made an outstanding contribution in the area of arteriosclerosis and vascular disease.

Criteria

- Candidate must have a doctoral degree.
- Candidate must have held a minimum academic rank of Assistant Professor for no less than 3 years up to a maximum academic rank of Full Professor for no more than 5 years.
- Candidate must be working in the area of arteriosclerosis, thrombosis or vascular biology research, which encompasses both basic science and clinical perspectives.
- Candidate must demonstrate continued productivity in his/her area of research, as indicated by publications in peer-reviewed scientific journals and receipt of grant awards from public and/or private institutions.

Prize

The winner will receive an engraved plaque and a \$1,500 cash award. The winner will also present a scheduled oral presentation during the Conference on Arteriosclerosis, Thrombosis and Vascular Biology.

Deadline

The deadline for nominations has been extended and must be postmarked no later than **January 10, 2003**. Nominations received after this date will not be considered.

How to Nominate

Individuals may be nominated an unlimited number of times but may receive this award only once.

Submit seven (7) three-hole punched copies of the following materials:

1) A nominating letter detailing the candidate's contributions to the field of arteriosclerosis research.

2) Candidate's curriculum vitae.

Incomplete nominations will not be considered.

Send nominations to:

**American Heart Association
Council on Arteriosclerosis, Thrombosis
and Vascular Biology
Shannon Gideon, Awards & Lectures
7272 Greenville Avenue
Dallas, TX 75231
Telephone: 214/706-1181
Fax: 214/373-0268
E-mail: shannon.gideon@heart.org**

This award is made possible by an educational grant from
Pfizer/Parke Davis and Bristol Myers Squibb.

Irvine H. Page Young Investigator Research Awards

Sponsored by the Council on
Arteriosclerosis, Thrombosis and Vascular Biology



The Irvine H. Page Young Investigator Research Awards encourage young investigators to continue careers in arteriosclerosis or vascular biology, and recognize talented investigators at an early or beginning point in their career.

Criteria

Applicant must:

- Have received a graduate degree no more than 12 years prior to the date of application.
- Be working in any area of research that is concerned with arteriosclerosis or vascular biology.
- Have sustained effort in the research area. The manuscript may be a continuation of that effort.
- Have at least one prior publication.

General Information

An individual may not compete for similar Young Investigator Awards from other AHA Scientific Councils during the same year.

Finalists are not eligible to compete in subsequent years.

There are no citizenship requirements.

Prize

The top five (5) candidates will present their research results during a special session held at the 4th Annual Conference on Arteriosclerosis, Thrombosis and Vascular Biology in Washington, DC. Prizes will be designated on the basis of scientific merit, quality, and originality of the manuscript submitted and abstract presentation.

The first-place winner will receive a plaque and a cash award of \$1500. The four (4) runners-up will each receive a plaque and \$500.00.

How to Apply

Candidates must submit ten (10) 3-hole punched copies of the following materials on 8½ × 11 inch paper:

- 1) A letter of application that clearly declares he or she is applying for the Irvine H. Page Young Investigator Research Awards.

- 2) A curriculum vitae, including Social Security number and bibliography.
- 3) A statement detailing how much of the design and research work was done by the candidate. This statement must be endorsed by the candidate's immediate supervisor. In the case of multiple authored manuscripts, the supervisor must indicate that among the co-authors the applicant is the most appropriate candidate for this award.
- 4) An original, unpublished manuscript based on independent research, including illustrative materials, such as references, tables, figure legends. Illustrative materials (i.e., photos) must be secured to an 8½ × 11 inch page.
- 5) An original abstract from the 4th Annual Conference on Arteriosclerosis, Thrombosis and Vascular Biology. The abstract must be in accordance with the rules and regulations for submitting abstracts.

Application Deadline

Applications must be postmarked no later than **January 20, 2003**. Applications postmarked after this date will not be considered.

Send Nominations to:

American Heart Association
Attn: Laura Zordilla
Scientific Meetings
7272 Greenville Ave.
Dallas, TX 75231-4596
Telephone: 214-706-1314
Fax: (214) 373-3406

Submission Deadline: January 20, 2003

The Young Investigator Prizes in Thrombosis



Sponsored by the Council on
Arteriosclerosis, Thrombosis and Vascular Biology

The Young Investigator Prizes in Thrombosis recognize outstanding endeavors by new investigators for fundamental and applied research in thrombosis, including the mechanism, detection, treatment and prevention of thrombotic disorders.

Criteria

- A manuscript and abstract must be unpublished prior to the ATVB Annual Conference.
 - The applicant must have completed postdoctoral training at least two years before application.
 - Only one manuscript per candidate will be considered.
 - An individual may not compete for similar Young Investigator Awards from other AHA Scientific Councils during the same year.
 - There are no citizenship requirements.
 - Finalists are not eligible to compete in subsequent years.
- 2) A curriculum vitae, including Social Security number and bibliography.
 - 3) A statement detailing how much of the design and research work was done by the candidate. This statement must be endorsed by the candidate's immediate supervisor. In the case of multiple authored manuscripts, the supervisor must indicate that among the co-authors the applicant is the most appropriate candidate for this award.
 - 4) An original, unpublished manuscript based on independent research, including illustrative materials, such as references, tables, figure legends. Illustrative materials (i.e., photos) must be secured to an 8½ × 11 inch page.
 - 5) An original abstract from the 4th Annual Conference on Arteriosclerosis, Thrombosis and Vascular Biology. The abstract must be in accordance with the rules and regulations for submitting abstracts.

Prize

The top five (5) candidates will present their research results during a special session held at the 4th Annual Conference on Arteriosclerosis, Thrombosis and Vascular Biology in Washington, DC. Prizes will be designated on the basis of scientific merit, quality, and originality of the manuscript submitted and abstract presentation.

The first-prize winner will receive an engraved plaque and cash award of \$1,000 plus a \$500 travel stipend to defray travel costs. The four runners-up will each receive a plaque and a \$500 travel stipend to defray travel costs.

How to Apply

Candidates must submit ten (10) 3-hole punched copies of the following materials on 8½ × 11 inch paper:

- 1) A letter of application that clearly declares he or she is applying for the Young Investigator Prizes in Thrombosis.

Application Deadline

Applications must be postmarked no later than **January 20, 2003**. Applications postmarked after this date will not be considered.

Send nominations to:

American Heart Association
Attn: Laura Zordilla
Scientific Meetings
7272 Greenville Ave.
Dallas, TX 75231-4596
Telephone: 214-706-1314
Fax: (214) 373-3406

Submission Deadline: January 20, 2003

Junior Investigator Award for Women

Sponsored by the Women's Leadership Committee of the Council on Arteriosclerosis, Thrombosis and Vascular Biology

The Junior Investigator Award for Women serves to stimulate retention and recruitment of women in the field of arteriosclerosis, thrombosis and vascular biology by recognizing excellent research conducted by women.

Criteria

Applicant must:

- Be a junior female investigator in training in one or more of the ATVB fields at the time of application (graduate student or postdoctoral fellow, with no more than 5 consecutive years as a postdoctoral fellow).
- Be the first author of the submitted abstract; the abstract must be unpublished prior to the ATVB Annual Conference. Abstract must meet the annual conference criteria, be submitted to the ATVB annual conference and be selected for presentation at the conference.
- Be present at the ATVB Annual Conference to qualify for this award
- Achieve an abstract rating among the top 5 abstracts fitting the criteria presented above.
- The senior author must be a member of the Council on Arteriosclerosis, Thrombosis and Vascular Biology.

Prize

The finalists will present their abstracts during the 4th Annual Conference on Arteriosclerosis, Thrombosis and Vascular Biology in Washington, DC. Prizes will be designated on the basis of scientific merit, quality and originality of the abstract presentation. The Finalists will receive a certificate. The Winner will receive an engraved plaque and cash

award of \$750. The Finalists will be acknowledged at the Women's Leadership Committee Luncheon; the winner will be announced at the plenary session on Saturday morning, May 10.

How to Apply

Candidates must submit

- 1) A letter of application that clearly declares she is applying for the Junior Investigator Award for Women.
- 2) An original abstract from the 4th Annual Conference on Arteriosclerosis, Thrombosis and Vascular Biology. The abstract must be in accordance with the rules and regulations for submitting abstracts.
- 3) A curriculum vitae, including Social Security number and bibliography.

Application Deadline

Applications must be postmarked no later than **January 20, 2003**. Applications postmarked after this date will not be considered.

Send Nominations to:

American Heart Association
Attn: Laura Zordilla
Scientific Meetings
7272 Greenville Ave.
Dallas, TX 75231-4596
Telephone: 214-706-1314
Fax: (214) 373-3406

Submission Deadline: January 20, 2003

JOIN the AHA/ASA Professional Membership!

Council on Arteriosclerosis, Thrombosis, and Vascular Biology

The purpose of this council is to achieve the objectives of the American Heart Association in the fields of arteriosclerosis, thrombosis, and vascular biology. Specifically, its aim is to advance and coordinate research, work towards prevention, improve methods for diagnosis and treatment, disseminate reliable information relative to these fields, and work actively with other organizations concerned with these problems.

The council conducts postgraduate seminars and scientific sessions, assists in the development of educational materials, evaluates medical knowledge, and collaborates with other councils in areas of mutual concern and interest.

Council activities include:

- Annual poster sessions and reception for young investigators
- Awards for Young Investigators
- Annual council dinner and business meeting

Members receive the following benefits and more:

- **Early registration and reduced registration fees to**

American Heart Association annual Scientific Sessions and other council-sponsored meetings

- Discount! Reduced subscription fees to AHA Scientific Journals including Arteriosclerosis, Thrombosis, and Vascular Biology; Circulation; Circulation Research; Hypertension and Stroke
- Newsletter including council-specific information and issues of interest to members
- Opportunities to apply for council-sponsored scholarships and travel stipends
- Online access to membership directory, expertise directory, and Scientific Council home pages

Join Online. Visit the AHA Web site at www.americanheart.org and follow the Science & Professional link to Member Services.

Coming Soon! In Spring of 2003, AHA will be introducing many new member benefits. Watch for more details in the coming months.

Yes! I want to become a member of the AHA/ASA Professional Membership and affiliate with the Council on Arteriosclerosis, Thrombosis, and Vascular Biology for \$45 per year.

Please select one or more sections in which you would like to be identified: Arteriosclerosis Thrombosis Vascular Biology

Name _____ Degree _____

Address _____

City _____ State _____ Zip/Postal Code _____ Country _____

Phone _____ Fax _____ E-mail _____

Month/Year of birth ____ / ____ (Mo./Yr.) Gender: Male Female Speciality _____

Race/Ethnicity: Alaskan Native American Indian/Native American Asian African American Caucasian
 Hispanic Pacific Islander Other

% of time spent (=100%) Student ____ Research ____ Administration ____ Teaching ____ Clinical ____

Other ____ (Please specify) _____

Referred by: _____

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- Bill Me (membership will not be activated until payment has been received)
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- MasterCard Visa American Express Discover

Card Number _____ Expiration Date _____

Signature (as it appears on the card): _____ Total payment \$ _____

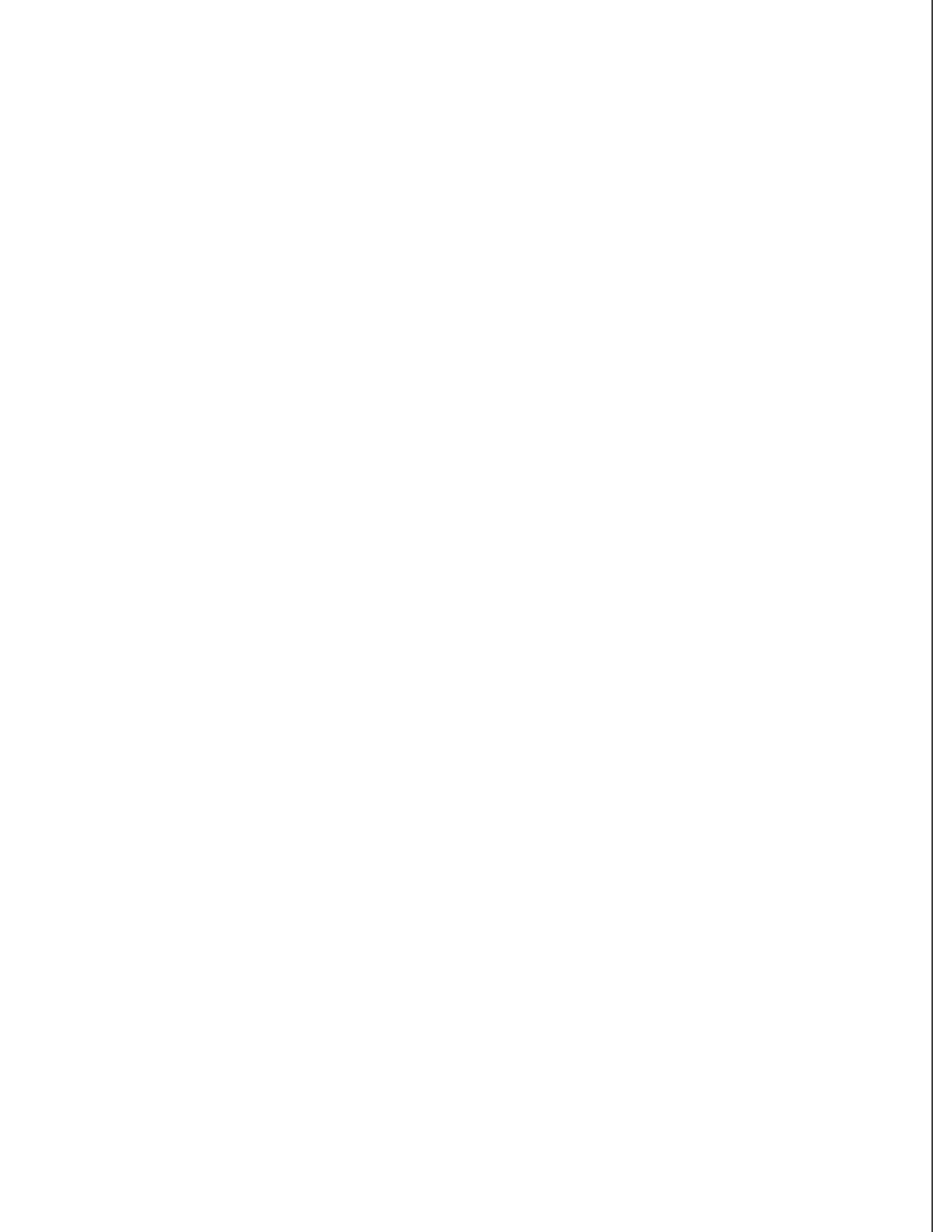
If you would like to make a contribution to further the AHA's mission, go to www.americanheart.org and click on "Donate."
Contributions are tax deductible.

Please mail completed form to: **American Heart Association, Scientific Councils**

7272 Greenville Ave, Dallas, TX 75231

Or Fax to: 214-706-1999

Questions? Please contact Customer Service at 1-800-787-8984 or 1-301-223-2307 (outside U.S.) or email ahaonline@lww.com



As a Scientist interested in vascular biology you should know about...



What is NAVBO?

The North American Vascular Biology Organization was founded in 1994 to bring together vascular biologists from diverse disciplines and to promote interchange of knowledge and ideas among those scientists. The field of vascular biology is undergoing major growth involving the participation of both basic scientists and clinician-scientists from multiple disciplines and specialty areas. NAVBO provides a network for communication and representation of the interests of this diverse community.

The major goal of NAVBO is to promote communications, primarily through the planning of scientific meetings and the support of educational activities. NAVBO is the host organization of the International Vascular Biology Meetings, when held in North America. NAVBO also sponsors annual meetings, alone or in conjunction with other national organizations.

Membership:

There are two membership categories: Regular members hold an advanced degree or have professional experience in the field. Trainee members are students (graduate and undergraduate), residents, post-doctoral fellows and technicians with proven interest or experience in vascular biology.

Complete the membership application form below and return it, along with a copy of your current curriculum vitae, and payment for your first year membership dues (\$55 Regular; \$25 Trainee). *Trainee applicants must provide a letter of sponsorship from their academic supervisor, laboratory head or department chairperson.

Application:

Name _____

Position/Department _____

Institution _____

Street _____

City, State, Zip _____

Phone _____ Fax _____ Email _____

Degrees: MD PhD Other _____

Trainee*: Fellow/Resident Graduate Student

I hereby apply for (circle one) [Regular] [Trainee] membership in NAVBO

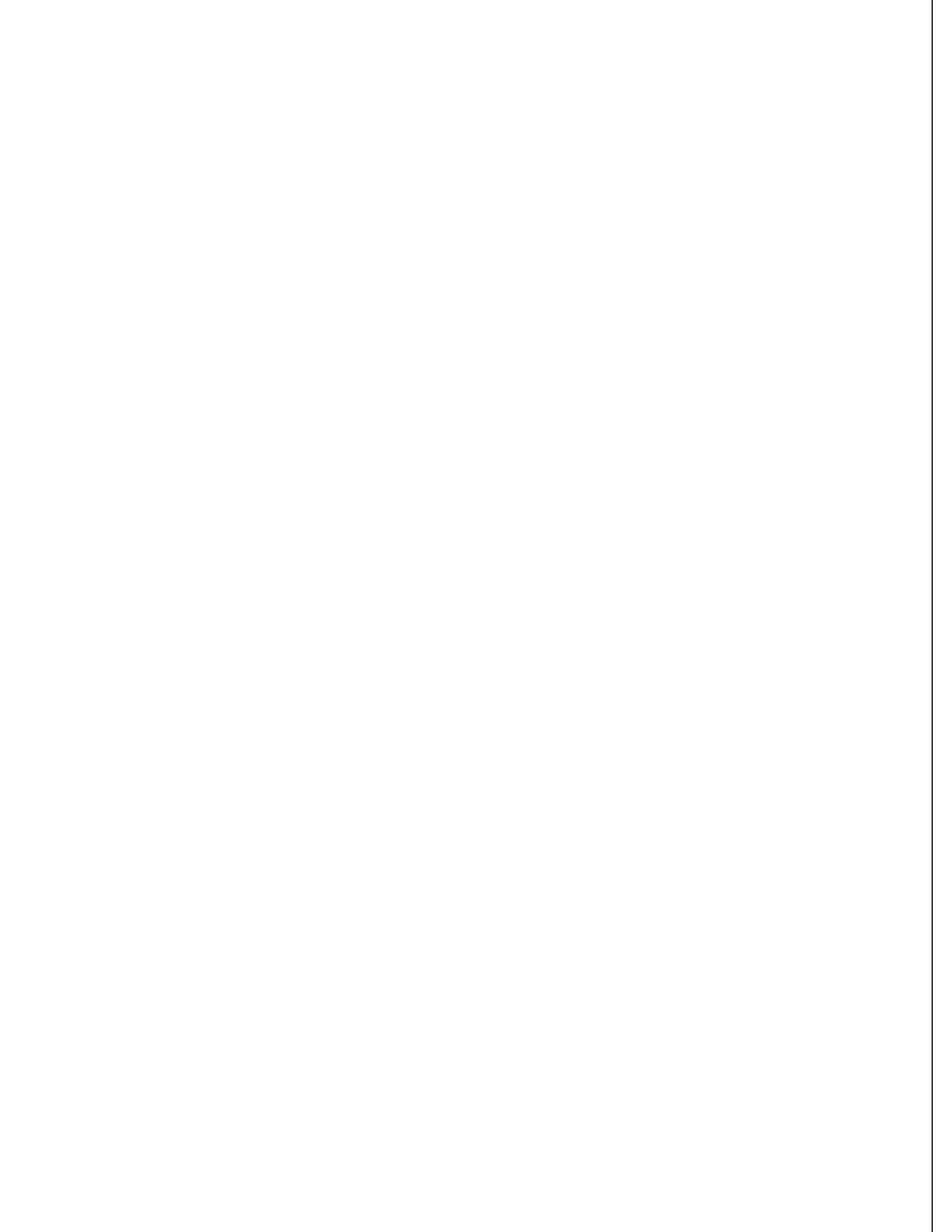
Signature _____

Credit Card Payment (VISA or MasterCard only):

Card Number _____

Expiration Date _____

Return form, CV and payment to: NAVBO, 9650 Rockville Pike, Bethesda, MD 20814-3993; Fax: (301) 571-1879
Visit our web site: www.navbo.org



Future AHA Scientific Conferences

For more information on upcoming events, please visit our Web site at www.americanheart.org/conferences or contact:

American Heart Association
7272 Greenville Avenue
Dallas, TX 75231-4596
Fax: 214-706-5262
E-mail: scientificconferences@heart.org

4th Annual Conference on Arteriosclerosis, Thrombosis, and Vascular Biology

Renaissance Washington DC Hotel
Washington, DC
May 8–10, 2003

Sponsored by the American Heart Association's Councils on Arteriosclerosis, Thrombosis, and Vascular Biology, Nutrition, Physical Activity, and Metabolism, the North American Vascular Biology Organization, and the National Heart, Lung, and Blood Institute.

28th International Stroke Conference

Phoenix Civic Plaza
Phoenix, Arizona
February 13–14, 2003

Sponsored by the American Heart Association Stroke Council and the American Stroke Association, a division of the American Heart Association.

43rd Annual Conference on Cardiovascular Disease Epidemiology and Prevention

Fontainebleau Hilton Resort
Miami, Florida
March 5–8, 2003

Sponsored by the American Heart Association's Council on Epidemiology and Prevention and the Council on Nutrition, Physical Activity, and Metabolism

High Risk Plaque: New Understanding and Approaches

New York, NY
Spring 2003

Sponsored by the American Heart Association's Council on Clinical Cardiology, Council on Cardiovascular Radiology and Intervention, and Arteriosclerosis, Thrombosis and Vascular Biology.

XVth Scientific Meeting of the Inter-American Society of Hypertension

Marriott Rivercenter Hotel
San Antonio, Texas
April 27–30, 2003

Sponsored by the Inter-American Society of Hypertension, the American Heart Association's Council for High Blood Pressure Research, and the National Heart, Lung, and Blood Institute

29th Ten-Day Seminar on Epidemiology and Prevention of Cardiovascular Disease

Granlibakken Resort and Conference Center
Tahoe City, California
July 20–August 1, 2003

Sponsored by the American Heart Association's Council on Epidemiology and Prevention.

57th Annual Fall Conference and Scientific Sessions of the Council for High Blood Pressure Research

Omni Shoreham Hotel
Washington, DC
September 23–26, 2003

Sponsored by the American Heart Association's Council for High Blood Pressure Research and Council on Kidney in Cardiovascular Disease.

Metabolic Syndrome Clinical Conference

Chicago, Illinois
Fall 2003

Sponsored by the American Heart Association's Council on Nutrition, Physical Activity, and Metabolism, Council on Cardiovascular Nursing, Council on Cardiovascular Disease in the Young, Council on Arteriosclerosis, Thrombosis, and Vascular Biology, Council for High Blood Pressure Research, and Council on Epidemiology and Prevention, and the American Diabetes Association

Scientific Sessions 2003

Orange County Convention Center
Orlando, Florida
November 9–12, 2003

5th Scientific Forum on Quality of Care and Outcomes Research in Cardiovascular Disease and Stroke

Omni Shoreham Hotel
Washington, DC
May 15–17, 2004

Co-sponsored by the American College of Cardiology Foundation and the Department of Veterans Affairs



National Center
7272 Greenville Ave.
Dallas, TX 75231-4596
www.americanheart.org

**4th Annual Conference on
Arteriosclerosis, Thrombosis
and Vascular Biology**

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